

## XHHW-2

**Aluminum, XLPE Insulated 600V**  
**90°C Dry or Wet**  
**Lead Free**



Omni Part #	HWC Part #	Cond. Size (AWG/kcmil)	Insulation Thickness Mils	Nominal Dia. over Armor (inches)	Net Cable Weight (lb/ft)	Ampacity*		
						60°C	75°C	90°C
M808ST-01	HW002A00801	8	45	0.23	30	35	40	45
M806ST-01	HW002A00601	6	45	0.26	39	40	50	55
M804ST-01	HW002A00401	4	45	0.31	57	55	65	75
M803ST-01	HW002A00301	3	45	0.33	67	65	75	85
M802ST-01	HW002A00201	2	45	0.36	85	75	90	100
M801ST-01	HW002A00101	1	55	0.41	108	85	100	115
M81/0ST-01	HW002A10101	1/0	55	0.45	131	100	120	135
M82/0ST-01	HW002A20101	2/0	55	0.49	161	115	135	150
M83/0ST-01	HW002A30101	3/0	55	0.54	198	130	155	175
M84/0ST-01	HW002A40101	4/0	55	0.59	243	150	180	205
M8250ST-01	HW002A25001	250	65	0.65	293	170	205	230
M8300ST-01	HW002A30001	300	65	0.70	346	195	230	260
M8350ST-01	HW002A35001	350	65	0.75	398	210	250	280
M8400ST-01	HW002A40001	400	65	0.79	449	225	270	305
M8500ST-01	HW002A50001	500	65	0.87	552	260	310	350
M8600ST-01	HW002A60001	600	80	0.98	675	285	340	385
M8700ST-01	HW002A70001	700	80	1.04	777	315	375	425
M8750ST-01	HW002A75001	750	80	1.07	829	320	385	435
M8900ST-01	HW002A90001	900	80	1.16	979	355	425	480
M81000ST-01	HW002A10001	1000	80	1.22	1085	375	445	500

- All drawings, designs, specifications, plans and particulars of weights, sizes and dimensions contained in the technical or commercial documentation of OmniCable is indicative only and shall not be binding on OmniCable or be treated as constituting a representation on the part of OmniCable.  
60°C - When terminated to equipment for circuits rated 100 amperes or less or marked for conductor sizes 14 through 1 AWG.  
75°C - When terminated to equipment for circuits rated over 100 amperes or less or marked for conductors larger than 1 AWG.

### APPLICATION:

The cable is rated at 600 volts and 90°C for use in wet and dry locations. XHHW-2 can be used in conduit and other raceways for services, feeders and other applications recognized by the NEC.

### CONDUCTORS:

Compact stranded AA-8000 series aluminum alloy per ASTM B801 or ASTM B836 and ASTM B800

### INSULATION:

Thermoset cross-linked polyethylene (XLPE) meeting the requirements for XHHW-2 per UL 44

### PRODUCT FEATURES:

- Cables are UL listed as Type XHHW-2
- Temperature rating of 90°C dry and wet
- Sunlight resistant 6 AWG and larger
- Lead free
- CT Rated 1/0 AWG and larger upon request

### AVAILABLE COLORS:

Black, Blue, Brown, Gray, Green, Orange, Purple, Red, White, Yellow



### ADDITIONAL STANDARDS:

- UL 44: Thermoset-Insulated Wires and Cables
- Meets or exceeds the requirements of NEMA WC70/ICEA S-95-658